#### Name: Ruiz Nowell, Eliseo Nathanael Student ID: 20667926 Ontario Education Nbr: 224106427

### **Degrees Awarded**

Degree:	Bachelor of Applied Science
Confer Date:	06/07/2021
Degree Honours:	With Distinction
Degree Honours:	Dean's Honours List
	Computer Engineering, Honours, Co-operative Program
	Artificial Intelligence Option

# **Beginning of Undergraduate Record**

# Fall 2016

Program:	Compu	ter Engineering, Honours, Co-operative Program	
Level:	1A	Load: Full-Time	Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CHE	102	Chemistry for Engineers	0.50	0.50	80
ECE	100A	Electrical and Computer Engineering Practice	0.20	0.20	94
		Degree Requirement, Not in Avg, Not in Fail Count			
ECE	105	Physics of Electrical Engineering 1	0.50	0.50	86
ECE	140	Linear Circuits	0.50	0.50	88
ECE	150	Fundamentals of Programming	0.50	0.50	89
MATH	117	Calculus 1 for Engineering	0.50	0.50	68
			<u>In GPA</u>	Earned	
Term GPA		82.20 Term Totals	2.70	2.70	
Cumulative C	6PA	82.20 Cumulative Totals	2.50	2.70	

Cumulative GPA	82.20 Cumulative Lotais
Academic Standing:	Excellent standing Effective 12/31/2016

### Winter 2017

Program:	Computer Engineering, Honours, Co-operative Program				
Level:	1A <sup>`</sup>	Load: Part-Time Form	Of Study: Co-op Work Term		
<u>Course</u>		Description	<u>Attempted</u>	Earned	<u>Grade</u>
COOP	1	Co-operative Work Term	0.50	0.00	CR
PD	20	Engineering Workplace Skills I: Developing Conclusions	Reasoned 0.50	0.50	CR
			<u>In GPA</u>	Earned	
Term GP	A	0.00 Term Totals	1.00	0.50	
Cumulativ	/e GPA	82.20 Cumulative Totals	2.50	3.20	

# Spring 2017

Computer Engineering, Honours, Co-operative Program 1B Load: Full-Time Program:

Level: Form Of Study: Enrolment

<u>Course</u>		Description	Attempted	Earned	<u>Grade</u>
ECE	100B	Electrical and Computer Engineering Practice	0.20	0.20	CR
		Degree Requirement, Not in Avg, Not in Fail Count			
ECE	103	Discrete Mathematics	0.50	0.50	85
ECE	106	Physics of Electrical Engineering 2	0.50	0.50	89
ECE	124	Digital Circuits and Systems	0.50	0.50	87
ECE	155	Engineering Design with Embedded Systems	0.50	0.50	96
MATH	119	Calculus 2 for Engineering	0.50	0.50	87
			<u>In GPA</u>	Earned	
Term GPA		88.80 Term Totals	2.70	2.70	
Cumulative	GPA	85.50 Cumulative Totals	5.00	5.90	
Academic S	tanding: Excel	llent standing Effective 08/31/2017			

Name:	Ruiz Nowell, Eliseo Nathanael
Student ID:	20667926
Ontario Edu	cation Nbr: 224106427

# Fall 2017

Program: Level:		eering, Honours, Co-operative Program ad: Part-Time	Form Of Study: Co	o-op Work Term		
<u>Course</u> COOP PD	2 21	<u>Description</u> Co-operative Work Term Engineering Workplace Skills II: De Plans	eveloping Effective	Attempted 0.50 0.50	<u>Earned</u> 0.00 0.50	<u>Grade</u> CR CR
Term GPA Cumulativ		0.00 Term Totals 85.50 Cumulative Totals		<u>In GPA</u> 1.00 5.00	<u>Earned</u> 0.50 6.40	
_			Vinter 2018			
Program: Level:		eering, Honours, Co-operative Program ad: Full-Time	Form Of Study: En	rolment		
<u>Course</u> ECE	200A	<u>Description</u> Electrical and Computer Engineerir Degree Requirement, Not in Avg, N	ng Practice Not in Fail Count	Attempted 0.10	Earned 0.10	<u>Grade</u> CR
ECE ECE	204A 205	Numerical Methods 1 Advanced Calculus 1 for Electrical	and Computer	0.25 0.50	0.25 0.50	97 86
	e GPA Standing: Excelle	Engineers Digital Computers Electronic Circuits 1 Algorithms and Data Structures Engineering Profession, Ethics, and Linear Algebra for Engineering 88.85 Term Totals 86.82 Cumulative Totals ent standing Effective 05/18/2018	d Law	0.50 0.50 0.50 0.50 <u>In GPA</u> 3.35 8.25	0.50 0.50 0.50 0.50 <u>0.50</u> <u>Earned</u> 3.35 9.75	94 83 94 84 88
Term Hon Program: Level:	Computer Engine	Dean's Honours List Seering, Honours, Co-operative Program ad: Part-Time	Form Of Study: Co	o-op Work Term		
<u>Course</u> COOP PD Term GPA Cumulativ		<u>Description</u> Co-operative Work Term Professional Responsibility in Com 0.00 Term Totals 86.82 Cumulative Totals	puting	Attempted 0.50 0.50 <u>In GPA</u> 1.00 8.25	Earned 0.00 0.50 Earned 0.50 10.25	<u>Grade</u> CR CR
Cumulativ	e GPA	86.82 Cumulative Totals		6.25	10.25	
Drogrom:		paring Hanaura Co aparativa Program	Fall 2018			
Program: Level:		eering, Honours, Co-operative Program ad: Full-Time	Form Of Study: En	rolment		
<u>Course</u> ECE	200B	Description Electrical and Computer Engineerir Degree Requirement, Not in Avg, N		Attempted 0.10	Earned 0.10	<u>Grade</u> CR
ECE ECE ECE PSYCH WKRPT	207 224 242 254 101 201	Signals and Systems Embedded Microprocessor System Electronic Circuits 2 Operating Systems and Systems P Introductory Psychology Work-term Report Degree Requirement, Not in Avg, N	ns Irogramming	0.50 0.50 0.50 0.50 0.50 0.13 <u>In GPA</u>	0.50 0.50 0.50 0.50 0.50 0.13 Earned	76 97 94 91 87 75
Term GPA Cumulativ Academic Term Hon	e GPA Standing: Excelle	89.00 Term Totals 87.33 Cumulative Totals ent standing Effective 01/18/2019 Dean's Honours List		2.73 10.75	2.73 12.98	

### Name: Ruiz Nowell, Eliseo Nathanael Student ID: 20667926 Ontario Education Nbr: 224106427

# Winter 2019

		Winter 2019	9		
Program: Level:		neering, Honours, Co-operative Program oad: Part-Time Form C	of Study: Co-op Work Term		
Course		Description	Attempted	Earned	Grade
COOP	4	Co-operative Work Term	0.50	0.00	CR
PD	3	Communication	0.50	0.50	CR
			In GPA	Earned	
Term GP/	4	0.00 Term Totals	1.00	0.50	
Cumulativ	ve GPA	87.33 Cumulative Totals	10.75	13.48	
		Spring 2019	9		
Program:		neering, Honours, Co-operative Program			
Level:	3A L	oad: Full-Time Form O	f Study: Enrolment		
Course		Description	Attempted	Earned	Grade
CHINA	102R	First-Year Chinese 2	<u>Attempted</u> 0.50	0.50	96
ECE	300A	Electrical and Computer Engineering Practice		0.30	CR
LOL	500A	Degree Requirement, Not in Avg, Not in Fail (		0.10	OIX
ECE	316	Probability Theory and Statistics	0.50	0.50	90
ECE	327	Digital Hardware Systems	0.50	0.50	90
ECE	351	Compilers	0.50	0.50	96
ECE	380	Analog Control Systems	0.50	0.50	93
WKRPT	301	Work-term Report	0.13	0.13	95
		Degree Requirement, Not in Avg, Not in Fail (	Count		
			<u>In GPA</u>	Earned	
Term GP/	4	93.00 Term Totals	2.73	2.73	
Cumulativ	ve GPA	88.40 Cumulative Totals	13.25	16.21	
Academic		llent standing Effective 09/18/2019			
Term Hor	ours: Term	Dean's Honours List			
		Fall 2019			
-					
Program:		neering, Honours, Co-operative Program			
Program: Level:			of Study: Co-op Work Term		
Level:		oad: Part-Time Form C		Fornod	Grado
Level: <u>Course</u>	3A L	oad: Part-Time Form C	Attempted	Earned	Grade
Level: <u>Course</u> COOP	3A L	oad: Part-Time Form C <u>Description</u> Co-operative Work Term	<u>Attempted</u> 0.50	0.00	CR
Level: <u>Course</u>	3A L	oad: Part-Time Form C	<u>Attempted</u> 0.50 0.50	0.00 0.50	
Level: <u>Course</u> COOP PD	3A L 5 5	oad: Part-Time Form C <u>Description</u> Co-operative Work Term Project Management	<u>Attempted</u> 0.50 0.50 <u>In GPA</u>	0.00 0.50 <u>Earned</u>	CR
Level: <u>Course</u> COOP	3A L 5 5	oad: Part-Time Form C <u>Description</u> Co-operative Work Term	<u>Attempted</u> 0.50 0.50	0.00 0.50	CR
Level: <u>Course</u> COOP PD Term GP/	3A L 5 5	oad: Part-Time Form C <u>Description</u> Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals	<u>Attempted</u> 0.50 0.50 <u>In GPA</u> 1.00 13.25	0.00 0.50 <u>Earned</u> 0.50	CR
Level: COOP PD Term GP/ Cumulativ	3A L 5 5 Ve GPA	oad: Part-Time Form C <u>Description</u> Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals Winter 2020	<u>Attempted</u> 0.50 0.50 <u>In GPA</u> 1.00 13.25	0.00 0.50 <u>Earned</u> 0.50	CR
Level: <u>Course</u> COOP PD Term GP/	3A L 5 5 A re GPA Computer Engi	oad: Part-Time Form C <u>Description</u> Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals Winter 2020 neering, Honours, Co-operative Program	<u>Attempted</u> 0.50 0.50 <u>In GPA</u> 1.00 13.25	0.00 0.50 <u>Earned</u> 0.50	CR
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level:	3A L 5 5 A re GPA Computer Engi 3B L	oad: Part-Time Form C <u>Description</u> Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals <b>Winter 2020</b> neering, Honours, Co-operative Program oad: Full-Time Form O	<u>Attempted</u> 0.50 0.50 <u>In GPA</u> 1.00 13.25 <b>0</b> f Study: Enrolment	0.00 0.50 <u>Earned</u> 0.50	CR
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15	3A L 5 5 A re GPA Computer Engi 3B L	oad: Part-Time Form C <u>Description</u> Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals <b>Winter 2020</b> neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses	<u>Attempted</u> 0.50 0.50 <u>In GPA</u> 1.00 13.25 <b>0</b> f Study: Enrolment this term.	0.00 0.50 <u>Earned</u> 0.50 16.71	CR CR
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15 <u>Course</u>	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses	oad: Part-Time Form C <u>Description</u> Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals <b>Winter 2020</b> neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses <u>Description</u>	Attempted 0.50 0.50 <u>In GPA</u> 1.00 13.25 <b>0</b> f Study: Enrolment this term. <u>Attempted</u>	0.00 0.50 <u>Earned</u> 0.50 16.71 <u>Earned</u>	CR CR <u>Grade</u>
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15	3A L 5 5 A re GPA Computer Engi 3B L	oad: Part-Time Form C <u>Description</u> Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals <b>Winter 2020</b> neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses <u>Description</u> Second-Year Chinese 1	<u>Attempted</u> 0.50 0.50 <u>In GPA</u> 1.00 13.25 <b>0</b> f Study: Enrolment this term.	0.00 0.50 <u>Earned</u> 0.50 16.71	CR CR
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-19 <u>Course</u> CHINA	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R	oad: Part-Time Form C <u>Description</u> Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals <b>Winter 2020</b> neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses <u>Description</u> Second-Year Chinese 1 <i>Not Required, Not in Average</i>	Attempted 0.50 0.50 <u>In GPA</u> 1.00 13.25 <b>0</b> f Study: Enrolment this term. <u>Attempted</u> 0.50	0.00 0.50 <u>Earned</u> 0.50 16.71 <u>Earned</u> 0.50	CR CR <u>Grade</u> 91
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15 <u>Course</u>	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses	oad: Part-Time Form C Description Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals Winter 2020 neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses Description Second-Year Chinese 1 Not Required, Not in Average Electrical and Computer Engineering Practice	Attempted 0.50 0.50 <u>In GPA</u> 1.00 13.25 0 f Study: Enrolment this term. <u>Attempted</u> 0.50 0.10	0.00 0.50 <u>Earned</u> 0.50 16.71 <u>Earned</u>	CR CR <u>Grade</u>
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-19 <u>Course</u> CHINA ECE	3A L 5 5 A Ye GPA Computer Engi 3B L 9 impacted asses 201R 300B	oad: Part-Time Form C Description Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals Winter 2020 neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses Description Second-Year Chinese 1 Not Required, Not in Average Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail C	Attempted 0.50 0.50 <u>In GPA</u> 1.00 13.25 0 f Study: Enrolment this term. <u>Attempted</u> 0.50 0.10 Count	0.00 0.50 <u>Earned</u> 0.50 16.71 <u>Earned</u> 0.50 0.10	CR CR <u>Grade</u> 91 CR
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15 <u>Course</u> CHINA ECE ECE	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318	oad: Part-Time Form C Description Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals Winter 2020 neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses Description Second-Year Chinese 1 Not Required, Not in Average Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail C Communication Systems 1	Attempted 0.50 0.50 In GPA 1.00 13.25 0 f Study: Enrolment this term. <u>Attempted</u> 0.50 0.10 Count 0.50	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50	CR CR Grade 91 CR 92
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-19 <u>Course</u> CHINA ECE ECE ECE ECE	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356	oad: Part-Time Form C Description Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals Winter 2020 neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses Description Second-Year Chinese 1 Not Required, Not in Average Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail C Communication Systems 1 Database Systems	Attempted           0.50           0.50           In GPA           1.00           13.25           0           f Study: Enrolment           this term.           Attempted           0.50           0.00           Count           0.50           0.50	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50	CR CR <u>Grade</u> 91 CR 92 95
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-19 <u>Course</u> CHINA ECE ECE ECE ECE ECE	3A L 5 5 7 7 9 Computer Engi 3B L 9 impacted asses 201R 300B 318 356 358	oad: Part-Time Form C           Description       Co-operative Work Term         Project Management       0.00 Term Totals         88.40 Cumulative Totals       88.40 Cumulative Totals         Winter 2020         neering, Honours, Co-operative Program         oad: Full-Time Form O         sment methods and performance in many courses         Description         Second-Year Chinese 1         Not Required, Not in Average         Electrical and Computer Engineering Practice         Degree Requirement, Not in Avg, Not in Fail O         Communication Systems 1         Database Systems         Computer Networks	Attempted 0.50 0.50 In GPA 1.00 13.25 0 f Study: Enrolment this term. <u>Attempted</u> 0.50 0.10 Count 0.50 0.50 0.50	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50 0.50	CR CR 91 CR 92 95 96
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-19 <u>Course</u> CHINA ECE ECE ECE ECE	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356	oad: Part-Time Form C           Description       Co-operative Work Term         Project Management       0.00 Term Totals         88.40       Cumulative Totals         88.40       Cumulative Totals         Winter 2020         neering, Honours, Co-operative Program         oad: Full-Time Form O         sment methods and performance in many courses         Description         Second-Year Chinese 1         Not Required, Not in Average         Electrical and Computer Engineering Practice         Degree Requirement, Not in Avg, Not in Fail O         Communication Systems 1         Database Systems         Computer Networks         Engineering Design, Economics, and Impact of	Attempted 0.50 0.50 In GPA 1.00 13.25 0 f Study: Enrolment this term. <u>Attempted</u> 0.50 0.10 Count 0.50 0.50 0.50	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50	CR CR <u>Grade</u> 91 CR 92 95
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15 <u>Course</u> CHINA ECE ECE ECE ECE ECE ECE ECE EC	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356 358 390	oad: Part-Time Form C           Description         Co-operative Work Term           Project Management         0.00 Term Totals           88.40 Cumulative Totals         88.40 Cumulative Totals           winter 2020         Not Required, Not on Program           oad: Full-Time         Form O           sment methods and performance in many courses         Description           Second-Year Chinese 1         Not Required, Not in Average           Electrical and Computer Engineering Practice         Degree Requirement, Not in Avg, Not in Fail O           Communication Systems 1         Database Systems           Computer Networks         Engineering Design, Economics, and Impact of Society	Attempted           0.50           0.50           In GPA           1.00           13.25           0           f Study: Enrolment           this term.           Attempted           0.50           count           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50 0.50 0.50 0.50	CR CR 91 CR 92 95 96 91
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15 <u>Course</u> CHINA ECE ECE ECE ECE ECE ECE ECE EC	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356 358 390 101	oad: Part-Time Form C           Description         Form C           Co-operative Work Term         Project Management           0.00         Term Totals           88.40         Cumulative Totals           winter 2020         Winter 2020           neering, Honours, Co-operative Program         Form O           oad: Full-Time         Form O           sment methods and performance in many courses         Description           Second-Year Chinese 1         Not Required, Not in Average           Electrical and Computer Engineering Practice         Degree Requirement, Not in Avg, Not in Fail O           Communication Systems 1         Database Systems 1           Database Systems         Computer Networks           Engineering Design, Economics, and Impact of Society           Introduction to Microeconomics	Attempted 0.50 0.50 In GPA 1.00 13.25 0 f Study: Enrolment this term. <u>Attempted</u> 0.50 0.10 Count 0.50 0.5	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50 0.50 0.50 0.50 0.50	CR CR 91 CR 92 95 96 91 99
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15 <u>Course</u> CHINA ECE ECE ECE ECE ECE ECE ECE EC	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356 358 390	oad: Part-Time Form C           Description         Form C           Co-operative Work Term         Project Management           0.00         Term Totals           88.40         Cumulative Totals           88.40         Cumulative Totals           winter 2020         Not reguined, Not on Program           oad: Full-Time         Form O           sment methods and performance in many courses         Description           Second-Year Chinese 1         Not Required, Not in Average           Electrical and Computer Engineering Practice         Degree Requirement, Not in Avg, Not in Fail O           Communication Systems 1         Database Systems           Computer Networks         Engineering Design, Economics, and Impact of Society           Introduction to Microeconomics         Work-term Report	Attempted 0.50 0.50 <u>In GPA</u> 1.00 13.25 0 f Study: Enrolment this term. <u>Attempted</u> 0.50 0.10 Count 0.50 0	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50 0.50 0.50 0.50	CR CR 91 CR 92 95 96 91
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15 <u>Course</u> CHINA ECE ECE ECE ECE ECE ECE ECE EC	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356 358 390 101	oad: Part-Time Form C           Description           Co-operative Work Term           Project Management           0.00 Term Totals           88.40 Cumulative Totals           Winter 2020           neering, Honours, Co-operative Program           oad: Full-Time           Competence           Project Management           0.00 Term Totals           88.40 Cumulative Totals           Winter 2020           neering, Honours, Co-operative Program           oad: Full-Time           Form O           sment methods and performance in many courses           Description           Second-Year Chinese 1           Not Required, Not in Average           Electrical and Computer Engineering Practice           Degree Requirement, Not in Avg, Not in Fail O           Communication Systems 1           Database Systems           Computer Networks           Engineering Design, Economics, and Impact of           Society           Introduction to Microeconomics	Attempted           0.50           0.50           In GPA           1.00           13.25           0           f Study: Enrolment           this term.           Attempted           0.50           count           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.13	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50 0.50 0.50 0.50 0.50	CR CR 91 CR 92 95 96 91 99
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-15 <u>Course</u> CHINA ECE ECE ECE ECE ECE ECE ECE EC	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356 358 390 101 401	oad: Part-Time Form C           Description         Form C           Co-operative Work Term         Project Management           0.00         Term Totals           88.40         Cumulative Totals           88.40         Cumulative Totals           winter 2020         Not reguined, Not on Program           oad: Full-Time         Form O           sment methods and performance in many courses         Description           Second-Year Chinese 1         Not Required, Not in Average           Electrical and Computer Engineering Practice         Degree Requirement, Not in Avg, Not in Fail O           Communication Systems 1         Database Systems           Computer Networks         Engineering Design, Economics, and Impact of Society           Introduction to Microeconomics         Work-term Report	Attempted 0.50 0.50 <u>In GPA</u> 1.00 13.25 0 f Study: Enrolment this term. <u>Attempted</u> 0.50 0.10 Count 0.50 0	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50 0.50 0.50 0.50 0.50	CR CR 91 CR 92 95 96 91 99
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-19 <u>Course</u> CHINA ECE ECE ECE ECE ECE ECE ECE EC	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356 358 390 101 401	oad: Part-Time Form C Description Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals Winter 2020 neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses Description Second-Year Chinese 1 Not Required, Not in Average Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail C Communication Systems 1 Database Systems Computer Networks Engineering Design, Economics, and Impact of Society Introduction to Microeconomics Work-term Report Degree Requirement, Not in Avg, Not in Fail C	Attempted           0.50           0.50           In GPA           1.00           13.25           0           f Study: Enrolment           this term.           Attempted           0.50           count           0.50           0.10           Count           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.13           Count           In GPA	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50 0.50 0.50 0.50 0.13 Earned	CR CR 91 CR 92 95 96 91 99
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-19 <u>Course</u> CHINA ECE ECE ECE ECE ECE ECE ECE EC	3A L 5 5 A re GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356 358 390 101 401	oad: Part-Time Form C Description Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals Winter 2020 neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses Description Second-Year Chinese 1 Not Required, Not in Average Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail O Communication Systems 1 Database Systems Computer Networks Engineering Design, Economics, and Impact of Society Introduction to Microeconomics Work-term Report Degree Requirement, Not in Avg, Not in Fail O 94.60 Term Totals	Attempted           0.50           0.50           In GPA           1.00           13.25           0           f Study: Enrolment           this term.           Attempted           0.50           0           f Study: Enrolment           this term.           Attempted           0.50           0.10           Count           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.13           Count           In GPA           3.23	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.13 Earned 3.23	CR CR 91 CR 92 95 96 91 99
Level: <u>Course</u> COOP PD Term GP/ Cumulativ Program: Level: COVID-19 <u>Course</u> CHINA ECE ECE ECE ECE ECE ECE ECE EC	3A L 5 5 7 7 9 GPA Computer Engi 3B L 9 impacted asses 201R 300B 318 356 358 390 101 401 401	oad: Part-Time Form C Description Co-operative Work Term Project Management 0.00 Term Totals 88.40 Cumulative Totals Winter 2020 neering, Honours, Co-operative Program oad: Full-Time Form O sment methods and performance in many courses Description Second-Year Chinese 1 Not Required, Not in Average Electrical and Computer Engineering Practice Degree Requirement, Not in Avg, Not in Fail O Communication Systems 1 Database Systems Computer Networks Engineering Design, Economics, and Impact of Society Introduction to Microeconomics Work-term Report Degree Requirement, Not in Avg, Not in Fail O 94.60 Term Totals 89.38 Cumulative Totals	Attempted           0.50           0.50           In GPA           1.00           13.25           0           f Study: Enrolment           this term.           Attempted           0.50           0           f Study: Enrolment           this term.           Attempted           0.50           0.10           Count           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.50           0.13           Count           In GPA           3.23	0.00 0.50 Earned 0.50 16.71 Earned 0.50 0.10 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.13 Earned 3.23	CR CR 91 CR 92 95 96 91 99

#### Ruiz Nowell, Eliseo Nathanael Name: Student ID: 20667926 Ontario Education Nbr: 224106427

# Spring 2020

_		Spring	2020		
Program:		neering, Honours, Co-operative Program			
Level:	4A L	oad: Full-Time For	n Of Study: Enrolment		
2			A		<b>•</b> •
Course	000	Description	<u>Attempted</u>	Earned	<u>Grade</u>
ECE	209	Electronic and Electrical Properties of Mat	erials 0.50	0.50	90
505	100.1	Degree Requirement, Not in Average		0.40	0.5
ECE	400A	Electrical and Computer Engineering Prac		0.10	CR
505		Degree Requirement, Not in Avg, Not in F		0.50	
ECE	454	Distributed Computing	0.50	0.50	92
ECE	455	Embedded Software	0.50	0.50	87
ECE	457A	Cooperative and Adaptive Algorithms	0.50	0.50	95
ECE	493	Special Topics in Electrical and Computer	Engineering 0.50	0.50	93
Course To	•	Prob. Reason & Reinforce Learn			
ECE	498A	Engineering Design Project	0.50	0.50	87
			<u>In GPA</u>	<u>Earned</u>	
Term GP/		90.80 Term Totals	3.10	3.10	
Cumulativ		89.58 Cumulative Totals	18.25	23.04	
Academic	Standing: Exce	lent standing Effective 09/15/2020			
		Fall 20	)20		
Program:	Computer Engi	neering, Honours, Co-operative Program			
Level:	4A L	oad: Part-Time For	m Of Study: Co-op Work Term		
<u>Course</u>		Description	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	6	Co-operative Work Term	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GP/	Ą	0.00 Term Totals	0.50	0.00	
Cumulativ	e GPA	89.58 Cumulative Totals	18.25	23.04	
		Winter	2021		
Program:	Computer Engi	neering, Honours, Co-operative Program			
	Artificial Intellig	ence Option			
Level:	4B Ľ	oad: Full-Time For	n Of Study: Enrolment		
			-		
<u>Course</u>		Description	Attempted	Earned	<u>Grade</u>
CHINA	202R	Second-Year Chinese 2	0.50	0.50	80
		Not Required, Not in Average			
CS	484	Computational Vision	0.50	0.50	91
		Degree Requirement, Not in Average			
ECE	400B	Electrical and Computer Engineering Prac	tice 0.10	0.10	CR
		Degree Requirement, Not in Avg, Not in F			
ECE	405	Introduction to Quantum Mechanics	0.50	0.50	96
ECE	457B	Fundamentals of Computational Intelligen	ce 0.50	0.50	96
ECE	459	Programming for Performance	0.50	0.50	100
ECE	498B	Engineering Design Project	0.50	0.50	90
MSCI	442	Impact of Information Systems on Organiz		0.50	94
		Society	5.00	0.00	
			In GPA	Earned	
Term GP/	4	95.20 Term Totals	3.60	3.60	
Cumulativ		90.25 Cumulative Totals	20.75	26.64	
		lent Standing Effective 05/10/2021	20.10	20.04	

Academic Standing: Excellent Standing Effective 05/19/2021 Term Honours: Term Dean's Honours List

Status Completed Completed

Completed Completed Completed Completed

Completed Completed Completed Completed

Completed Completed Completed

# **Undergraduate Unofficial Transcript**

#### Name: Ruiz Nowell, Eliseo Nathanael Student ID: 20667926 Ontario Education Nbr: 224106427

	Milestones
Date Completed	Description
09/08/2016	Workplace Hazardous Materials
12/02/2016	English Proficiency
04/30/2017	Work Report 1
04/30/2017	Work Term 1
12/30/2017	Work Term 2
08/30/2018	Work Term 3
12/30/2018	Technical Presentation
12/30/2018	Work Report 2
04/30/2019	Work Term 4
08/31/2019	Work Report 3
12/31/2019	Work Term 5
04/30/2020	Work Report 4
12/31/2020	Work Term 6
	Scholarships and Awards
2017	University of Waterloo President's Scholarship of Distinction

2017University of Waterloo President's Scholarship of Distinction2020President's International Experience Award

### End of Undergraduate Unofficial Transcript